

**ABSTRACT**

A housing unit for a turbocharger (1) comprises a rotor shaft (18) to mount a rotor on both its ends. Furthermore, there is a bearing housing part (4) for supporting the rotor shaft (18), and a turbine housing (2), an opening or recess of which facing an end portion (5) of the bearing housing (4). In this way, the end portion of the bearing housing (4) may be inserted into the opening or recess and may be fastened to the wall of the turbine housing (2) which delimit and surround the opening or recess. Within the region between the end portion of the bearing housing (4) and the turbine housing (2), at least one heat resistant sealing (17, 31) is provided which may be formed of a mineral material or of metal.

(Fig. 1)